



## Test Monitoring Center

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Sequence IX Information Letter 24-1  
Sequence Number 7  
February 29, 2024

***ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.***

TO: Sequence IX Surveillance Panel

SUBJECT: Additional Spark Plug Numbers

During the February 9, 2024 conference call, the Sequence IX Surveillance Panel was informed that the current spark plug listed in the test method has been superseded and replaced by two other spark plugs. Section 7.10.1, X2.3.20.10 (1) and Table X2.2 have been updated to include the new spark plug numbers.

The revised text and/or section(s) have been highlighted in red and are effective February 9, 2024.

*/s/ M. D. Deegan*

Michael Deegan  
FCSD, Service Product Development, SEO  
Ford Motor Company

Jeffrey A. Clark  
Executive Director  
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Attachment

c: [https://www.astmtmc.org/ftp/docs/gas/sequenceix/procedure\\_and\\_ils/il24-1-ix.pdf](https://www.astmtmc.org/ftp/docs/gas/sequenceix/procedure_and_ils/il24-1-ix.pdf)

Distribution: Email

## Revises D8291-23 as amended by Information Letter 23-2

**7.10.1** Use either Motorcraft CYFS-12-Y2<sup>10</sup> or Bosch (P/N HR7Mii30T<sup>122</sup>) spark plugs which come pre-gapped. Torque the spark plugs to 9 N·m to 12 N·m. Do not use anti-seize compounds on spark plug threads. **Motorcraft CYFS-12Y-PCT and CYFS-12Y-PCTX may also be used in this application.**

### **X2.3.20.10 Spark Plugs:**

(1) Install new Motorcraft CYFS-12-Y2, spark plugs.<sup>47</sup> These come pre-gapped. **Motorcraft CYFS-12Y-PCT and CYFS-12Y-PCTX may also be used in this application.**

**TABLE X2.2 Reusable Engine Parts**

Ford Service Part Number	Ford Engineering Part Number	Description
1S7Z6507B	1S7G6507D7G	VALVE – INLET
1S7Z6514AA	1S7G6514AE	RETAINER - VALVE SPRING
1S7Z6518AA	1S7G6518AD	KEY, VALVE SPRG
1S7Z8501A	1S7G8501BD	PUMP ASY – WATER
8W9Z6C287A	AG9E6C287AA	TAPPET ASY, FU PMP
AG9Z6010B	AG9E6010A34B	CYLINDER BLOCK
AG9Z6135B	AG9E6135AA	PIN – PISTON
AG9Z6140A	AG9G6140BA	RETAINER - PISTON PIN
AG9Z6200D	AG9E6200CD	ROD – CONNECTING
AG9Z6250A	AG9E6A268AB	CAMSHAFT, LH (EXHAUST)
AG9Z6303A	BB5E6300A33A	CRANKSHAFT ASY
AG9Z6505A	AG9E6505AA	VALVE – EXHAUST
AG9Z6600B	AG9E6600AB	PUMP ASY – OIL
AG9Z6A785A	AG9G6A785CA	SEPARATOR ASY – OIL
AG9Z9350B	AG9E9D376AB	PUMP ASY – FUEL
AG9Z9P847A	AG9G9P847AA	BRACKET, FUEL INJ CLIP
BB5Z2A451C	BB5E2A451BD	PUMP ASY – VACUUM
BB5Z6019C	BB5E6019AF	COVER - CYLINDER FRONT
BB5Z6250A	BB5E6A267AB	CAMSHAFT, RH (INTAKE)
BB5Z6881A	BB5E6881AD	ADPT OIL FILTER
BB5Z6K269A	DB5E6K269AA	COUPLING - PUMP DRIVE
BB5Z9F593B	BB5E9F593BA	INJECTOR ASY
CJ5Z6049C	CJ5E6C032AC	CYLINDER HEAD ASY
CJ5Z6513A	CJ5E6513AA	SPRING – VALVE
CJ5Z6582A	CJ5E6K271BG	COVER - CYLINDER HEAD
CJ5Z6K254A	CJ5E6C271AA	TENSIONER, OIL PUMP DRIVE
CJ5Z6M280A	CJ5E6B297AA	SOLENOID - ENGINE VARIABLE TIMING
CJ5Z9D280A	CJ5E9D280BF	MANIFOLD ASY - FUEL SUPPLY
CJ5Z9D440A	CJ5E9B374BC	COVER - FUEL PUMP
CM5Z6652A	CM5E6652AA	GEAR, OIL PUMP DRIVE
CM5Z6A895A	CM5E6A895AA	CHAIN ASY - OIL PUMP DRIVE
CYFS12Y2		
<b>CYFS-12Y-PCT</b>	CB5E12405AA	SPARK PLUG
<b>CYFS-12Y-PCTX</b>		
AG9Z-6108-H	AG9E-6110-AC2 (Batch Code BC2)	PISTON- STD
CJ5Z6256B	CJ5E6C524AD	SPROCKET - CAMSHAFT, LH
CJ5Z6268A	CJ5E6268AA	BELT/CHAIN – TIMING
CJ5Z6306A	CJ5E6306AB	GEAR – CRANKSHAFT
CJ5Z6C525A	CJ5E6C525AD	SPROCKET - CAMSHAFT, RH
CJ5Z6K254B	CJ5E6K254AA	TENSIONER - TIMING CHAIN
CJ5Z6K255A	CJ5E6K255AB	ARM - TIMING-CHAIN TENSIONER

<sup>1</sup> Available from retailers and autopart stores.

CJ5Z6K297A	CJ5E6K297AB	GUIDE, TIMING CHAIN
W500221S437	W500221S437	BOLT - HEX.HEAD
W500224S437	W500224S437	BOLT
W500300S437	W500300S437	BOLT
W500301S437	W500301S437	BOLT
W500310S437	W500310S437	BOLT - HEX.HEAD
W500313S437	W500313S437	BOLT
W500328S437	W500328S437	BOLT
W500414S442	W500414S442	BOLT
W503275S437	W503275S437	BOLT - HEX. HEAD – FLANGED
W505531S442	W505531S442	SCREW
W506976S442	W506976S442	SCREW
W520214S440	W520214S440	NUT
W700115S437	W700115S437	SCREW AND WASHER ASY
W701183S300	W701183S300	DOWEL – BUSH
W701219S437	W701219S437	BOLT
W702426S303	W702426S303	BOLT - HEX.HEAD
W702492S437	W702492S437	STUD
W702700S437	W702700S437	STUD
W703383S437	W703383S437	BOLT
W703643S430	W703643S430	BOLT
W703649S300	W703649S300	PIN
W704474S437	W704474S437	STUD
W706282S430	W706282S430	BOLT
W706284S437	W706284S437	BOLT
W706487S437	W706487S437	BOLT-OIL COOLER FILTER
W711261S437	W711261S437	BOLT
W711574S439	W711574S439	STUD
W712022S430A	W712022S430	BOLT - HEX.HEAD
W713095S403	W713095S403	NUT
W715323S300	W715323S300	WASHER - COPPER, T/C OIL LINE
W715638S443	W715638S443	STUD
W715848S437	W715848S437	BOLT
W716137S437	W716137S437	BOLT
W716735S437	W716735S437	BOLT
W716841S900	W716841S900	PIN, BELL HOUSING
1L5Z6379AA	W706161S300	BOLT
1S7Z6A340AA	1S7G6K340BC	BOLT, CRK SHFT PULLEY
1S7Z6K282AA	1S7G6K282AB	BOLT, CHAIN TEN
AG9Z6065A	AG9G6065BA	BOLT - HEX.HEAD, CYL HEAD
AG9Z6345A	AG9G6345AC	BOLT - BEARING CAP - HEX. HEAD
BB5Z6214A	BB5E6214CA	BOLT - CONNECTING ROD
CV6Z6279A	CV6E6279AA	BOLT, CAMSHAFT